

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

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Applicant's or agent's file reference P16805-JOM	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/PEA/416)	
International application No. PCT/EP 03/00993	International filing date (day/month/year) 31.01.2003	Priority date (day/month/year) 31.01.2002
International Patent Classification (IPC) or both national classification and IPC H04L29/06		
Applicant TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 5 sheets, including this cover sheet.
 - ☐ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:
 - I ☒ Basis of the opinion
 - II ☐ Priority
 - III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
 - IV ☐ Lack of unity of invention
 - V ☒ Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
 - VI ☐ Certain documents cited
 - VII ☐ Certain defects in the international application
 - VIII ☐ Certain observations on the international application

Date of submission of the demand 27.08.2003	Date of completion of this report 13.04.2004
Name and mailing address of the international preliminary examining authority:  European Patent Office - Gitschiner Str. 103 D-10958 Berlin Tel. +49 30 25901 - 0 Fax: +49 30 25901 - 840	Authorized Officer Rosken, W Telephone No. +49 30 25901-474 

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP 03/00993

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

Description, Pages

1-7 as originally filed

Claims, Numbers

1-6 as originally filed

Drawings, Sheets

1/3-3/3 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
 - ☐ the language of publication of the international application (under Rule 48.3(b)).
 - ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:
- ☐ contained in the international application in written form.
 - ☐ filed together with the international application in computer readable form.
 - ☐ furnished subsequently to this Authority in written form.
 - ☐ furnished subsequently to this Authority in computer readable form.
 - ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
 - ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
4. The amendments have resulted in the cancellation of:
- ☐ the description, pages:
 - ☐ the claims, Nos.:
 - ☐ the drawings, sheets:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP 03/00993

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	2,3
	No: Claims	1,4,5,6
Inventive step (IS)	Yes: Claims	
	No: Claims	1-6
Industrial applicability (IA)	Yes: Claims	1-6
	No: Claims	

2. Citations and explanations

see separate sheet

Re Item V:

Reference is made to the following documents:

D1: XP002241078 (3GPP TS 23.207 V5.2.0)

D2: XP002241079 (3GPP TS 24.228 V1.9.0)

The present application does not meet the requirement of Article 33(1) PCT because the subject-matter of claims 1, 4, 5, and 6 is not new in the sense of Article 33(2) PCT and the subject-matter of claim 2 and 3 does not involve an inventive step, Article 33(3) PCT:

- 1 Claim 1: Document D1 discloses a method for providing multiple session description protocol media flows for one packet data protocol context (page 13, paragraph 5 and 9 and page 18, paragraph 7: binding mechanism), comprising the steps of
 - sending a session initiated protocol message (page 18, second paragraph, lines 1-2 and page 44: SIP 183 message) comprising an indication (page 44, the three different media announcements fields m=... in the SIP 183 message; or page 18, second paragraph, lines 1-2 and page 43, paragraph 2-3: authorisation token) that a particular session description protocol media flow can be combined with further session description protocol media flows in a single packet data protocol context (the three different media announcements fields m=... indicate three flows which can be bind to the same PDP context; it is known from the SIP and SDP protocol that previously the P-CSCF has removed all SDP media flows which the user is not authorised to use, see for example D2, page 72, description of 3. Invite; or page 13, paragraph 5, lines 1-2 and paragraph 9, lines 1-2 with page 43, paragraph 2-3 and page 44 last 4 lines - page 46, paragraph 2: the authorisation token comprises authorisations for several SDP media flows which are bind to the same PDP context), from a packet-CSCF to a user equipment and receiving said message in the user equipment (page 18, second paragraph, lines 1-2),
 - interpreting the indicator (the UE reads the different media announcements fields m=... in the SIP 183 message to determine which flows which flows were authorized; or page 13, paragraph 9, lines 1-3: the UE reads the authorisation token to determine if flows were authorized), selecting a packet data protocol context and sending a set-up request message for setting up said packet data

protocol context (page 18, paragraph 8: PDP context activation message) comprising an authorisation token (page 18, paragraph 8: authorisation token) and identifiers of session description protocol media flows (page 18, paragraph 8: one or more flow identifiers).

Thus, the subject-matter of claim 1 is not new, Article 33(2) PCT.

- 2 Document D1 further discloses the user equipment (figure 2 and 4: UE; chapter 5.2.2 and 6.1.2) as specified in claim 4, the packet call state control function (figure 2 and 4: P-CSCF; chapter 5.2.3 and 6.1.3) of claim 5 and the gateway general packet radio service support node (figure 2 and 4: GGSN; chapter 5.2.1 and 6.1.1) and the packet call state control function (figure 2 and 4: P-CSCF; chapter 5.2.3 and 6.1.3) of claim 6.

Consequently, the subject-matter of claims 4-6 is also not new, Article 33(2) PCT.

- 3 The feature of sending the indication from a home network of the user equipment to a visited network wherein the user equipment is currently located in claim 2 is already known from D2 (figure 7.2.2.1-1 and table 7.2.2.1-9: the SIP 183 message including the media announcement fields m=... is send from the S-CSCF in the home network to the P-CSCF in the visited network; previously the S-CSCF has removed all SDP media flows which the user is not authorised to use, see D2, page 74, description of 5. Service control and 6. Invite). The further feature present in claim 2 that the indication is cached in said visited network before it is sent to the user equipment is a common measure for the skilled person (it is well known to store messages in receiving queues of nodes before the forwarding or processing; furthermore D2 discloses the storage of information in the P-CSCF in the home network: table 7.2.2.1-9b and paragraph above the table 7.2.2.1-9b), the subject-matter of claim 2 does therefore also not involve an inventive step, Article 33(3) PCT.

- 4 The subject-matter of claim 3 is known by D1 (minimum policed unit on page 43, paragraph 3) and does therefore also not involve an inventive step, Article 33(3) PCT.